Disk cartridge mis-insertion discrimination

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Abstract of **EP1130593**

There are obtained a disk cartridge apparatus and a disk cartridge in which a disk cartridge having a different format is made unable to be inserted into a drive apparatus from a mechanism standpoint so that a user can instantly recognize that the disk cartridge having the different format has been inserted into the drive apparatus by mistake. A disk cartridge apparatus and a disk cartridge include a first disk cartridge and a second disk cartridge having cartridge housings of the same shape to store therein disks of the system that can be recorded and read by light of red laser beams and light of blue laser beams. When the first disk cartridge is inserted into a first drive apparatus 19, a discriminating groove of the first disk cartridge becomes identical to a discriminating convex portion 20 of the first drive apparatus 19 to enable the first disk cartridge to be loaded on the first drive apparatus. When a disk cartridge 21 of a different kind is inserted into the first drive apparatus 19, the discriminating convex portion 20 and a discriminating groove 24 of the disk cartridge 21 of different kind become nonidentical to each other to inhibit the disk cartridge of the different kind from being loaded on the first drive apparatus.

FIG. 3